Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (03-01)

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

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Attorney Docket No.	P3098
First Inventor	Calmer
Strategic S Title For Attach	Spatial Realignment ing Cornheads to Combi

(Only for new popprovisional applications under 37 CFR 1.53(b)) | Express Mail Label No. | ET 1.8366.522.0 U.S.

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7 1 =1.57	TION ELEMENTS		ASSISTANT Commissioner for Patents  ADDRESS TO:  Box Patent Application		
See MPEP chapter 600 concerning utility patent application contents.			Washington, DC 20231		
	orm (e.g., PTO/SB/17) duplicate for fee processing)		7. CD-ROM or CD-R in duplicate, large table or		
Applicant claims s			Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission		
2. X See 37 CFR 1.27.			(if applicable, all necessary)		
3. Specification (preferred arrangement			a. Computer Readable Form (CRF)		
- Descriptive title			b. Specification Sequence Listing on:		
	e to Related Applications arding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or		
	quence listing, a table,		ii. 🔽 paper		
	rogram listing appendix		c. Statements verifying identity of above copies		
- Background of - Brief Summary			ACCOMPANYING APPLICATION PARTS		
- Brief Descriptio	n of the Drawings (if filed)				
- Detailed Descri	ption	,	9. Assignment Papers (cover sheet & document(s))		
- Claim(s) - Abstract of the	Disdosure	_	10. 37 CFR 3.73(b) Statement (when there is an assignee) X Attorney		
4. X Drawing(s) (35 U	S.C. 113) [ Total Sheets 7	] 1	11. English Translation Document (if applicable)		
5. Oath or Declaration	[Total Pages 18	] 1	12. Information Disclosure Statement (IDS)/PTO-1449 Citations		
a. X Newly execu	uted (original or copy)		13. Preliminary Amendment		
Copy from a	prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed	)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
·	ION OF INVENTOR(S) tement attached deleting inventor(s)		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)		
named in t	he prior application, see 37 CFR		16. Nonpublication Request under 35 U.S.C. 122		
1.63(d)(2)	and 1.33(b).		(b)(2)(B)(i). Applicant must attach form PTO/SB/3		
6. Application Data	Sheet. See 37 CFR 1.76		or its equivalent.  17. Other:		
18. If a CONTINUING APPLI	CATION, check appropriate box, and	supply th	e requisite information below and in a preliminary amendmen		
or in an Application Data She		CID	of origination his :		
Continuation	Divisional Continuation-in-part (	GP)	of prior application No.:/		
Prior application information:	Examiner	of the n=1	Group An Unit:or application, from which an oath or declaration is supplied und		
Box 5b, is considered a part of	the disclosure of the accompanying co	ntinuation	n or divisional application and is hereby incorporated by referenc		
The incorporation can only be	relied upon when a portion has been in	advertenti	y omitted from the submitted application parts.		
	19. CORRESPO	DNDENC	E ADDRESS		
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Name (Print/Type)	H. Vincent Harsha	T	R gistration No. (Attorney/Agent) 18,045		
ivaino (Fililu i ypo)			1// 0		
Signature	Maria		Date 4-6-0\		

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## **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** 

(\$) 355.00

Complet if Known			
Application Number			
Filing Date	4-6-01		
First Named Inventor	Calmer		
Examiner Name			
Group Art Unit			
Attorney Docket No.	P3098		

METHOD OF PAYMENT	METHOD OF PAYMENT FEE CALCULATION (continued)		
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES		
indicated fees and credit any overpayments to:  Deposit	Large Small		
Account Number	Entity Entity Fee	Fee Paid	
Deposit	Code (\$) Code (\$)		
Account Name	105 130 205 65 Surcharge - late filing fee or oath		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet		
Applicant claims small entity status.	139 130 139 130 Non-English specification		
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination		
2. X Payment Enclosed:  X Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action —		
	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action		
FEE CALCULATION	115 110 215 55 Extension for reply within first month		
1. BASIC FILING FEE  Large Entity Small Entity	116 390 216 195 Extension for reply within second month		
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month		
Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month		
101 710 201 355 Utility filing fee 355 106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month		
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal		
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal		
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing		
	138 1,510 138 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$)355.00	140 110 240 55 Petition to revive - unavoidable		
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional		
Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)		
Total Claims 15 -20** = X = I	143 440 243 220 Design issue fee		
Claims	144 600 244 300 Plant issue fee		
Multiple Dependent	122 130 122 130 Petitions to the Commissioner		
Lorgo Entity Occall Patition	123 50 123 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt		
Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)		
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))		
104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))		
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)		
and over original patent	169 900 169 900 Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 0.00	Other fee (specify)		
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.	.00	

SUBMITTED BY					Complete (if applicable)		
Name (Print/Type)	H. Vincent Harsba	Registration No. (Attorney/Agent)	18,045	Telephone	309÷797-0864		
Signature	Allaisha		7	Date	4-4-01		

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